### **Transmitter Information**

Location	Norman 1692 3rd A	die Court
Coordinates	40-47-03	73-56-54
Ground Elevation	30 feet	
Height of Supporting Structure	390 feet	
Number of Feet by which Antenna	5 feet	
Increases Structure Height		
Height of Structure Plus Antenna	395 feet	
Center of Radiating Element	392 feet	

### Path Information

1. 1112 Park Avenue

Coordinates: 40-46-57.5 73-57-23

Azimuth: 255.993

### Transmitter Information

Location Normandie Court

Coordinates 1692 3rd Avenue 40-47-03 73-56-54 Ground Elevation 30 feet

Height of Supporting Structure

Number of Feet by which Antenna

Increases Structure Height

390 feet
5 feet

Height of Structure Plus Antenna 395 feet Center of Radiating Element 392 feet

### Path Information

1. 302 East 88th Street

Coordinates: 40-46-43 73-57-04

Azimuth: 200.812

2. 38 East 85th Street

Coordinates: 40-46-46.5 73-57-35

Azimuth: 242.106

3. 60 East End

Coordinates: 40-46-22 73-56-50

Azimuth: 175.758

4. Claridge

Coordinates: 40-46-47 73-57-12

Azimuth: 220.538

Passive Repeater Added: (795732)

Path Served by Passive Repeater

8a. 170 East 87th Street (795732)

Coordinates: 40-46-45 73-57-16.5

Azimuth: 239.688

261.685

5. High Gate

Azimuth:

Coordinates: 40-47-02 73-57-03 027

### Transmitter Information

Location	Norman	die Court
	1692 3rd A	venue
Coordinates	40-47-03	73-56-54
Ground Elevation	30 feet	
Height of Supporting Structure	390 feet	
Number of Feet by which Antenna	5 feet	
Increases Structure Height		
Height of Structure Plus Antenna	395 feet	
Center of Radiating Element	392 feet	

### Path Information

1. 1155 Park Avenu
--------------------

Coordinates: 40-47-00 73-57-16.5

Azimuth: 260.053

2. 80 East End (1/10/94)

Coordinates: 40-46-23.5 73-56-48

Azimuth: 173.412

(1/10/94)3. 1001 5th Avenue

Coordinates: 40-46-42.5 73-57-45

Azimuth: 242.136

### Transmitter Information

Location Normandie Court
1692 3rd Avenue

Coordinates 40-47-03 73-56-54
Ground Elevation 30 feet
Height of Supporting Structure 390 feet
Number of Feet by which Antenna
Increases Structure Height
Height of Structure Plus Antenna 395 feet

392 feet

Path Information

1. 180 East End

Center of Radiating Element

Coordinates: 40-46-36 73-56-42 Azimuth: 161.331

2. 510 East 86th Street

Coordinates: 40-46-31 73-56-50

Azimuth: 174.561

3. 90 Riverside

Coordinates: 40-47-10 73-58-42.5

Azimuth: 274.861

### **Transmitter Information**

Normandie Court Location 1692 3rd Avenue Coordinates 40-47-03 73-56-54 Ground Elevation 30 feet Height of Supporting Structure 390 feet Number of Feet by which Antenna 5 feet Increases Structure Height Height of Structure Plus Antenna 395 feet Center of Radiating Element 392 feet

### Path Information

1. Stone Hedge

Coordinates: 40-47-59 73-59-48.5

Azimuth: 292.907

2. 12 West 96th Street

Coordinates: 40-47-30 73-57-58

Azimuth: 299.037

### **Transmitter Information**

Location River Tower
420 East 54th Street
Coordinates 40-45-20 73-57-52

Ground Elevation

Height of Supporting Structure

Number of Feet by which Antenna

Increases Structure Height

423 feet

9 feet

Height of Structure Plus Antenna 432 feet Center of Radiating Element 405 feet

### Path Information

1. 25 Sutton Place Coordinates: 40-45-23 73-57-41

Azimuth: 70.269

2. 420 East 51st Street

Coordinates: 40-45-14 73-57-56

Azimuth: 206.885

3. U.N. Plaza

Coordinates: 40-45-02.5 73-58-12

Azimuth: 220.997

4. 345 East 52nd Street
Coordinates: 40-45-20 73-57-59

Azimuth: 270.011

Passive Repeater Added (794172)

Path Served By Passive Repeater

4a. 333 East 55th (794172)

Coordinates: 40-45-27.5 73-57-54.5

Azimuth: 24.525

5. 201 East 50th (Random House)

Coordinates: 40-45-21 73-58-15

Azimuth: 273.274

### Transmitter Information

River Tower
420 East 54th Street
<b>40-45-20</b> 73-57-52
30 feet
423 feet
9 feet
•
432 feet
405 feet

### Path Information

1. 345 East 52nd Street

Coordinates: 40-45-20 73-57-59

Azimuth: 270.011

Passive Repeater Added (794172)

Path Served By Passive Repeater

1a. 333 East 55th (794172)

Coordinates: 40-45-27.5 73-57-54.5

Azimuth: 24.525

Date: 5/30/16

Reporter: David A. Kasdan

### MEMORANDUM

To:

Edward L. Milstein

From:

Behrooz Nourain 3. 1.

Date:

January 13, 1994

Subject:

I Block Buildings

211 East 51st Street and 220 east 52nd Street

CC:

Annual Services

In response to your question on the attached memo, the following is a estimate itemization of \$30,000.00 cost to provide a signal to 211 East 51st Street building:

Building Work Permit:

\$ 1,500.00

Structural Engineering Fee:

\$ 2,000.00

Frequency Study & Licensing:

\$ 1,000.00

Construction (Estimate):

\$ 6,500.00

Transmitter/Receiver:

\$14,000.00

Antenna & Transmission Line:

\$ 5,000.00

Total:

\$30,000.00

Federal C.

Presented

Presented

Reporter

Date

Presented

Reporter

Date

Presented

Reporter

Date

Presented

Reporter

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		THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN	
		Pedere?	Commissions Commission
To:	Peter O. Price		6.41
From:	Behrooz Nourain B	Presented	Twey
Date:	April 20, 1994	Diaport	Received
Subject:	Rivertower Equipment Removal and	Relocation Reporter	Rejected
CC:	Howard P. Milstein Edward L. Milstein Anthony J. Ontiveros John Tenety	Date   -   C	94

In reference to the relocation of the Microwave System from Rivertower the following is the answer to the information you requested.

- 1. Cost: The cost is estimated at \$41,000.00 dollars.
- 2. Signal Quality: The signal quality will be the same since the new network is designed based on two repeater concept.
- FCC Path Filing: The frequency interference will not be an issue, but the paths have not been filed since I have not received a go ahead for the project.
- 4. Timetable: A total of sixty days including the waiting period for FCC filing is required to complete this project.

However the most important issue is to obtain the agreement and permission of the building Management of 420 East 51st Street, 345 East 52nd Street and 60 Sutton Place, to build new mounts and install new antennas on their roof. The requirement is as follows:

420 East 51st Street:

One new 6 ft. antenna and one new 2 ft. antenna.

345 East 52nd Street:

One new 2 ft. antenna.

60 Sutton Place:

One new 6 ft. antenna.

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Date: 5/04/94
Reporter: David A. Kasdan

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TO:

Behrooz Nourain

FROM:

Bertina Ceccarell

DATE:

May 17, 1994

RE:

114 East 72nd Street

During a conversation today with both the Board President, John Wallerstein, and Managing Agent, Mitch Mayer, of 114 East 72nd Street, they expressed an interest in receiving our \$49.95 package without boxes. This is a 50 unit building on the same block as 140 East 72nd Street.

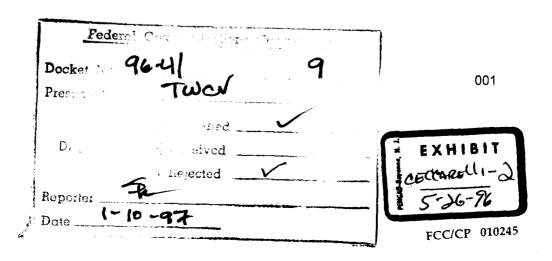
Can you please dispatch someone to determine the degree of difficulty in wiring 114 East 72nd Street from 140 East 72nd Street?

Second, what is your assessment of installing a rack for a cost of \$7,500.00 to allow all channels to be opened with boxes? Is this feasible for this address?

The Board is looking for a response from us by Wednesday, May 25th.

Thanks for your attention.

cc: Peter O. Price
Tony Ontiveros



TO:

Howard P. Milstein

Edward L. Milstein

FROM:

Bertina Ceccarelli

DATE:

June 3, 1994

RE:

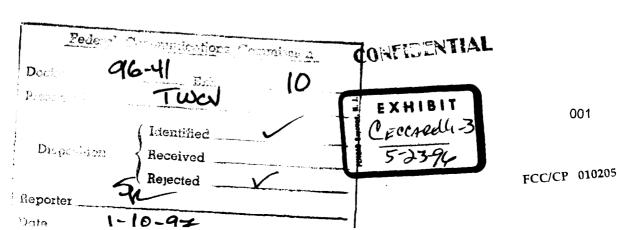
114 East 72nd Street

This follows up from our discussion last Thursday regarding the economics of installing a rack at 114 East 72nd Street versus using boxes for the \$49.95 package. As per the Board President, John Wallerstein, the 42 apartments average at least three TV's each. At a cost of \$120.00 per box, the total charge for installing boxes free on each set is \$15,120.00

This compares to the \$8,000 cost of installing a rack, as per Behrooz. However, a rack alone does not permit Pay-Per-View and Playboy buys, or Basic on non cable-ready sets. To solve this problem at 911 Park (another "rack" building) where it became an issue, we gave the first box free, as we do for all buildings. Factoring this cost in, the total "rack plus one box" system is about \$13,000, still less expensive than the "all box" approach. Additionally, there will be some shareholders that who don't want boxes at all, further reducing the \$13,000 cost. Of course, we will continue to rent the second box for \$10.00 per month.

I recommend that we offer the rack system plus the option for the first converter free. The annual revenue we will earn on this building is over \$25,000 (not including add-on sales) with a profit after programming cost of \$10,500.

CC: Peter O. Price



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TO:

Howard P. Milstein

Edward L. Milstein

FROM:

Bertina Ceccarelli

DATE:

June 3, 1994

RE:

114 East 72nd Street

In response to your note regarding extra installation costs associated with the proposed \$49.95 package at 114 East 72, we will also have the additional expense of adding a microwave dish at our standard cost of roughly \$30,000.

The annual after-programming profit of \$10,500 is equivalent to the profit generated by a 135 unit building with a \$15.00 package, with the dish costs the same for both. The incremental cost of \$8,000 associated with the rack brings the profit comparison closer to a 105 unit building.

The single most compelling reason this building has for pursuing Liberty is their interest in eliminating boxes. We can sign this one quickly if we agree to install the rack. Further, there is another 45 unit building (755 Park) immediately adjacent to 114 East 72 also interested in Liberty service. We could easily feed these units from 114 without the need for installing any buildings in between.

Can I have your approval to proceed?

cc: Peter O. Price

CONFIDENTIAL

TO:

Howard P. Milstein

Edward L. Milstein

FROM:

Bertina G. Ceccarelli

DATE:

July 15, 1994

RE:

114 East 72nd

O.K., O.K.!! I see your point! BUT, I think this can still work based on your 25% ROC requirement. Here are the numbers I've put together:

	114 East 72nd (42 units)	Building "A" (100 units)
Revenue		
Basic/yr Premium/yr Add'l boxes***	\$25,175 \$ 365* \$ 5,040 \$30,580	\$18,000 \$13,250** <u>\$12,000</u> \$43,250
Programming Costs		
Basic/yr Premium/yr	\$14,908 53 (Playboy) \$14,961	\$10,100 6,564 \$16,664
<ul> <li>Based on everage Playboy penetration of 3%</li> <li>Based on a 52% penetration of pressums at 100 Annual everage of 1 additional box per use pay Per View revenue not material</li> </ul>	a bulk buildings	

Annual Profit Before Installation Costs

\$15,519

\$26,586

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Communicatal

	114 East 72nd (42 units)	Building "A" (100 units)
Revenue		
Basic/yr Premium/yr Add'l boxes***	\$25,175 \$ 365* \$ 5.040	\$18,000 \$13,250** \$12,000
	\$30,580	\$43,250
Programming Costs		
Basic/yr Premium/yr	\$14,908 53 (Playboy)	\$10,100 <u>6,564</u>
	\$14,961	\$16,664
* Based on average Playboy penetration of 3*  * Based on a 92% penetration of pressures  ***Assume numero of Tadditional low per	in bulk buildings	

Assume everage of 1 additional box per unit

### Annual Profit Before Installation Costs

\$15,619

\$26,586

### Capital Costs

	114 East 72nd (42 units)	Building "A" (100 units)
Dish	\$30,000	\$30,000
Rack	\$ ,8,000	
Boxes	<b>\$</b> .5.040	<u>\$24,000</u>
	\$43,040	\$54,000
First Year ROC	36%	49%/2 = 25%

COMment

While 114 East 72nd has a slightly lower yield than an average 100 unit building, it still exceeds 25%, or the 4 year payback period we discussed yesterday. Please let me know your thoughts.

COMPANITIAL

### **TECHNICAL OPERATIONS REPORT**

October 5, 1995

#### **WEEKLY UPDATE**

**UNDER CONSTRUCTION** 

REDACTED

### **BUILDING INSTALLATION STATUS**

- West End Tower - 1000 units - 858 Occupied - 726 Liberty Subscribers - 84% penetration

OTHERITEMS

REDACTES

# CONFIDENTIAL

Fede*o	Communications Co	ommission		
Docket *	9641 Exhibit	11		
Presert 3	TWW	· · · · · · · · · · · · · · · · · · ·		
Disposition	Identified	/ w/ reduction	S	001
Demoster	Rejected			0029
Parte	1-10-97		FCC/CP 015481	

Page 1 of 11 tober 5, 1995

### **CURRENT PROJECTS**

ADDRESS CODE RATE UNITS SUBS. / INST. CONTRACT START END ST	
ADDRESS CODE RATE   UNITS SUBS, / INST. CONTRACT START   END   ST	TUS UCENSE

### REDACTED

**FUTURE INSTALLATION** 

REDACTE

0030

Page 2 of 11

oer 5, 1995

1995

ADDRESS	CODE RATE	UNITS	SUBS. /	INST.	CONTRACT	START	END	STATUS
433 East 56th Street	B \$15.00	70	70 /	57	10/6/94	12/94	1/6/95	COMPLETE
550 First Ave., NYU Medical	R \$17.95	795	86 /	86	8/09/94	12/94	1/13/95	COMPLETE
-	Total	865	156 /	143				
West End Tower	R \$17,95	1000	726 /	726		1/95	1/13/95	COMPLETE
114 East 72nd Street	B \$49.95	44	44 /	45	9/22/94	1/95	2/3/95	COMPLETE

# HEDACTED

25 West 54th Street =	B \$15.00	77	69	/ 40	9/:	29/94	2/95	2/10/95	COMPLETE
225 East 74th Street	B \$12.00	70	70	/ 60	12	/19/94	2/95	2/21/95	COMPLETE
639 West End Avenue	B \$15.00	62	59	/ 5	10	/13/94	2/95	2/24/95	COMPLETE
	Total	209	198	/ 16	2				

200 East 32nd Street	B \$12.00	165	149 /	130	1/19/95	3/95	4/7/95	COMPLETE
Waterside Plaza	R \$17.95	1600	352 /	352	6/7/94	3/95	4/20/95	COMPLETE
16 Wes년 6th Street	B \$15,00	489	242 /	242	12/7/94	3/95	4/20/95	COMPLETE
	Total	2254	743	724			•	

ncoin Harbor Yacht Club	C \$15.40	300	150 /	150		4/95	4/13/95	COMPLETE
t 44th St., Cornell Club	C \$1,700.00	50	50 /	50	2/15/95	4/95	4/19/95	COMPLETE
alisades Avenue	B \$15.00	121	121 /	102	2/3/95	4/95	5/3/95	COMPLETE
∠TH Avenue, GM Building	C \$200.00	17	16 /	16		4/95	5/10/95	COMPLETE
	Total	488	337 /	318				

C = COMMERCIAL -

R = RETAIL -

B = BULK BUILDINGS -

TOTAL 1995 -

CONFIDENTIAL

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Page 3 of 11 \*tober 5, 1995

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1994

ADDRESS	CODE RATE	UNITS SUBS. /	INST. CONTRACT STAI	RT END	STATUS
					:
Carnegie Half Tower	C \$50.00	24   24 /	24   9/23/93   1/9-	6   1/31/94 <u> </u>	COMPLETE

## REDACTED

130 | 130 / 118 | 2/14/94 | 4/94 COMPLETE B \$15.00 5/16/94 525 East 86th Street Total 938 458 / 422 \_11 East 51st Street B \$15.00 84 71 71 5/6/93 5/94 5/27/94 COMPLETE 167 East 67th Street COMPLETE B \$15.00 102 102 80 11/10/93 5/94 5/25/94 170 West End Avenue COMPLETE R \$17.95 484 135 135 3/10/94 5/94 6/16/94 COMPLETE 425 East 58th Street B \$15.00 352 260 173 3/10/94 5/94 6/24/94 Total 1022 568 459 220 East 52nd Street B \$15.00 5/6/93 6/94 COMPLETE 29 20 16 6/13/94

# REDACTED

Wales Hotel 1295 Madison Ave.	H \$ 6.25	83	83 /	83	5/12/94	7/94	7/27/94	COMPLETE
120 East End Avenue	B \$15.00	42	42 1	23	3/31/94	7/94	7/27/94	COMPLETE
430/440 East 56th Street	B \$15.00	160	145 /	93	3/2/94	7/94	7/29/94	COMPLETE
35 East 85th Street	B \$15.00	147	.147 /	109	3/31/94	7/04	7/29/04	COMPLETE

REDACTED

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Page 4 of 11 ober 5, 1995

### 1994 (CONTINUED)

ADDRESS	CODE RATE	UNITS	SUBS. /	INST.	CONTRACT	START	END	STATUS
			RED	ΔC	TED			
<del></del>	•	-	ME				•	
600 Harbor Blvd., Riva Pointe	B \$12,00	147	147 /	120	5/11/94	8/94	8/19/94	COMPLETE
55 Central Park West	B \$12.00	99	99 /	85	5/27/94	9/94	10/06/94	COMPLETE
-					-			- ^
,			<b></b>	er strike	er a night			. :
= _	-	-	REDA	€ <sub>S</sub> (A)	Le pr			
Liberty Terrace, 380 Rector Place	B \$15,00	247	247 /	151	8/04/94	10/94	10/28/94	COMPLETE
·								
524 E. 72nd St., Belaire Condo	B \$15.00	146	146 /	58	8/18/94	11/94	11/30/94	COMPLETE
			-				•	
C = COMMERCIAL -								

RETAIL -:

HOTEL -

ㅂ = BULK BUILDINGS -

TOTAL 1994 -

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